

§ 55.221

cannot be seen from the “donor” when the trees are bare of leaves, are also acceptable.

(6) For determining the distances to be maintained from inhabited buildings, passenger railways, and public highways, use the table in § 55.218.

§ 55.221 Requirements for special fireworks, pyrotechnic compositions, and explosive materials used in assembling fireworks.

(a) Special fireworks, pyrotechnic compositions and explosive materials used to assemble fireworks shall be stored at all times as required by this subpart unless they are in the process of manufacture, assembly, packaging, or are being transported.

(b) No more than 500 pounds (227 kg) of pyrotechnic compositions or explosive materials are permitted at one time in any fireworks mixing building, any building or area in which the pyrotechnic compositions or explosive materials are pressed or otherwise prepared for finishing or assembly, or any finishing or assembly building. All pyrotechnic compositions or explosive materials not in immediate use will be stored in covered, non-ferrous containers.

(c) The maximum quantity of flash powder permitted in any fireworks process building is 10 pounds (4.5 kg).

(d) All dry explosive powders and mixtures, partially assembled special fireworks, and finished special fireworks shall be removed from fireworks process buildings at the conclusion of a day's operations and placed in approved magazines.

[T.D. ATF-293, 55 FR 3722, Feb. 5, 1990]

§ 55.222 Table of distances between fireworks process buildings and between fireworks process and fireworks nonprocess buildings.

Net weight of fireworks ¹ (pounds)	Special fireworks ² (feet)	Common fireworks ³ (feet)
0–100	57	37

27 CFR Ch. I (4–1–97 Edition)

Net weight of fireworks ¹ (pounds)	Special fireworks ² (feet)	Common fireworks ³ (feet)
101–200	69	37
201–300	77	37
301–400	85	37
401–500	91	37
Above 500	Not permitted ^{4 5}	Not permitted ^{4 5}

¹ Net weight is the weight of all pyrotechnic compositions, and explosive materials and fuse only.

² The distances in this column apply only with natural or artificial barricades. If such barricades are not used, the distances must be doubled.

³ While common fireworks in a finished state are not subject to regulation, explosive materials used to manufacture or assemble such fireworks are subject to regulation. Thus, fireworks process buildings where common fireworks are being processed must meet these requirements.

⁴ A maximum of 500 pounds of in-process pyrotechnic compositions, either loose or in partially-assembled fireworks, is permitted in any fireworks process building. Finished special fireworks may not be stored in a fireworks process building.

⁵ A maximum of 10 pounds of flash powder, either in loose form or in assembled units, is permitted in any fireworks process building. Quantities in excess of 10 pounds must be kept in an approved magazine.

[T.D. ATF-293, 55 FR 3723, Feb. 5, 1990]

§ 55.223 Table of distances between fireworks process buildings and other specified areas.

DISTANCE FROM PASSENGER RAILWAYS, PUBLIC HIGHWAYS, FIREWORKS PLANT BUILDINGS USED TO STORE COMMON FIREWORKS, MAGAZINES AND FIREWORKS SHIPPING BUILDINGS, AND INHABITED BUILDINGS^{3 4}.—Continued

Net weight of fireworks ¹ (pounds)	Special fireworks ¹ (feet)	Common fireworks ² (feet)
0–100	200	25
101–200	200	50
201–300	200	50
301–400	200	50
401–500	200	50
Above 500	Not permitted	Not permitted.

¹ Net weight is the weight of all pyrotechnic compositions, and explosive materials and fuse only.

² While common fireworks in a finished state are not subject to regulation, explosive materials used to manufacture or assemble such fireworks are subject to regulation. Thus, fireworks process buildings where common fireworks are being processed must meet these requirements.

³ This table does not apply to the separation distances between fireworks process buildings (see § 55.222) and between magazines (see §§ 55.218 and 55.224).

⁴ The distances in this table apply with or without artificial or natural barricades or screen barricades. However, the use of barricades is highly recommended.

[T.D. ATF-293, 55 FR 3723, Feb. 5, 1990]